

# Edgard Lindner

## Personal Data

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**Date of Birth:** 4th December 1977  
**Nationality:** Argentina / Czech Rrepublic  
**Work Status:** EU citizen (no permit required).

## Contact Information

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**E-mail address:** [elindner@gmail.com](mailto:elindner@gmail.com)  
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*Full details available on request.*

## Educational Background

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### **MSc Computer Aided Graphical Technology Applications – Awarded with Distinction**

University of Teesside, Middlesbrough, United Kingdom.

**Modules include:** Digital Imaging Techniques (Photoshop), C Programming for Graphics, Games Programming.

### **Ingeniero en Informática (5-year program in computer systems engineering).**

Universidad de Belgrano, Argentina. GPA: 8.22/10 (Ranked within the top 5 best students out of the class of 1996)

Degree dissertation: *“A 3D landscaping engine for outdoor environments”*.

**Modules include:** Programming, Algorithms and Data Structures, Databases, Project Management.

## Technical skills

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- **Graphics programming:** OpenGL, Direct 3D, Graphic Algorithms (BSP, OcTrees, QuadTrees, ROAM, others). 3D graphical engines architecture.
- **Programming Languages:** C/C++, Java, Python, Shell Programming, Visual Basic.
- **Internet programming:** HTML/DHTML, PHP, ASP/VBScript, JavaScript.
- **Multimedia design:** 3D studio MAX/MAXScript, Adobe Photoshop, Macromedia Flash.
- **Others:** Windows 2000, UNIX (Solaris, AIX, Linux), SQL, TCP/IP, WinSock.

## Industry Experience

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- **2006-Present**  
**Google Ireland. Software Engineer.**
  - Currently working for Google in Dublin, Ireland as a Software Engineer.
- **1999-2004**  
**Universidad de Belgrano. Senior Software Developer, Systems Department.**
  - Worked in a team of 6 professionals designing and developing web-based applications including the University's Digital Library (using ASP and SQL), two academic websites ([www.ub.edu.ar](http://www.ub.edu.ar) & [www.onlineub.com](http://www.onlineub.com)) using PHP, ASP and SQL and the University's webmail system using PHP on a Sun/Solaris environment, which is used by university students, teachers and administrative staff.
  - Worked in a team of 4 professionals to develop a cryptography system in C/C++ and Visual Basic, used for home banking applications.
  - Designed and deployed multimedia content for websites and applications.
  - Designed a virtual walkthrough of the main university building in VRML using 3D Studio Max. The walkthrough is still in use and can be accessed via the university's website ([www.ub.edu.ar/ingresos](http://www.ub.edu.ar/ingresos)).
- **2001-2003**  
**Inguz Servicios Informáticos. Co-founder and lead web developer**

- Founded the company Inguz-SI ([www.inguz-si.com](http://www.inguz-si.com)), dedicated to providing IT solutions to small and medium sized organizations.
  - As a lead web developer worked in teams of 2 to 4 people creating websites and dynamic web portals for clients including Gonzalez Fischer Asociados ([www.gfa.com.ar](http://www.gfa.com.ar)) using ASP and MySQL, International Consulting Group (<http://www.icg-business.com>) using PHP and MySQL, and Equilibrar.org ([www.equilibrar.org](http://www.equilibrar.org)).
- **1998-1999**  
**Universidad de Belgrano. Research and Laboratory Assistant.**
    - Co-authored the University's official Informational CD-ROM Software, undertaking tasks such as design and development of HTML content, graphic design and 3D animation.
    - Design and development of Multimedia content for websites and applications.
    - 3D Animation for the institutional presentation of NSTL (National Software Testing Labs) Argentina.
    - Administration and maintenance of Sun/Solaris, IBM SP2/AIX and Linux systems.

## **Fellowships and Awards**

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Awarded a Research Assistantship for two consecutive years (1997, 1998) at Universidad de Belgrano, Argentina.

## **Research & Publications**

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- **2004: "LaST – Language Study Tool"**  
*X Argentine Congress of Computer Science (CACIC 2004), Information Technology Applied to Education Workshop.* Worked in a team of 2 to research, design and develop a tool which supports the teaching and learning of programming languages semantics. (<http://sitios.ub.edu.ar/last>) The tool is actually being used at University of Belgrano in Buenos Aires for the course Comparative Study of Computer Languages.

## **Teaching Experience**

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### **Universidad de Belgrano - 2001-Present**

#### **Teaching Assistant for "Comparative Study of Programming Languages."**

Professor: Graciela H. Matich

Senior (4th) year course in the curriculum for Ingeniería en Informática (Informatics Engineering). Planned and delivered sessions for groups of up to 30 undergraduate students. Prepared practical exercises and tracked the learning outcomes of the students.

### **Universidad de Belgrano - 2002**

#### **Teaching Assistant for "Computer Graphics"**

Professor: Alicia Barrón

Last (5th) year course for the curriculum of Ingeniería en Informática (Informatics Engineering) and senior (4th) year course in the curriculum for Licenciatura en Sistemas (BA Information Systems) de Información. Planned and delivered sessions and exercises for groups of up to 20 undergraduate students. Developed teaching material for the class, including interactive graphical applications.

## **Interests**

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I consider it important to develop my creative skills along with my technical skills. For this reason I studied guitar for 2 years and still play on my own frequently. I enjoy drawing, specially cartoons and comics, and producing digital artwork using Photoshop and 3D animation software such as 3DS Max. I also enjoy computer gaming, reading, movies and travelling.